

**To:** CN=Gregory McCabe/OU=R7/O=USEPA/C=US@EPA[]  
**Cc:** []  
**Bcc:** []  
**From:** CN=Dan Gravatt/OU=R7/O=USEPA/C=US  
**Sent:** Thur 5/12/2011 7:02:59 PM  
**Subject:** Fw: Responses to EPA Risk Assessment Comments on West Lake Landfill SFS  
[EPA Appendix F #20 RESRAD default parameters Off-site.docx](#)  
[EPA Appendix F #21 Typo add be after might .docx](#)  
[EPA Appendix F #22 Interpretation of offsite exhibits.docx](#)  
[EPA Appendix F #23 GeoLiner in Risk Calcs.docx](#)  
[EPA Appendix F #24 Source term onsite.docx](#)  
[EPA Appendix F #25 RESRAD default parameters Onsite.docx](#)  
[EPA Appendix F #26 Interpretation of onsite Exhibits.docx](#)  
[EPA Appendix F #28 Editorial D vs dtrs.docx](#)  
[EPA Appendix F #01 Exponential Notation.docx](#)  
[EPA Appendix F #02 Typo Content for Context.docx](#)  
[EPA Appendix F #03 Typo Delete are.docx](#)  
[EPA Appendix F #04 Typo delete parens.docx](#)  
[EPA Appendix F #05 COC Screening.docx](#)  
[EPA Appendix F #06-09 Chem Carc. and Tox Writeup.docx](#)  
[EPA Appendix F #10 Equation Pedigree.docx](#)  
[EPA Appendix F #11 Cover descriptions.docx](#)  
[EPA Appendix F #12 Missing footnote.docx](#)  
[EPA Appendix F #13 ROD source term.docx](#)  
[EPA Appendix F #14 RESRAD default parameters ROD.DOCX](#)  
[EPA Appendix F #15 Explain Exhibits.docx](#)  
[EPA Appendix F #16 RESRAD Exhibits.docx](#)  
[EPA Appendix F #17 Verbal description of RIM extent.docx](#)  
[EPA Appendix F #18 Remove rock layer.docx](#)  
[EPA Appendix F #19 Trash layer in cover offsite.docx](#)

Greg,

Here's the second batch of RTCs on the risk assessment comments.

Daniel R. Gravatt, PG  
US EPA Region 7 SUPR / MOKS  
901 North 5th Street, Kansas City, KS 66101  
Phone (913) 551-7324 Fax (913) 551-7063

----- Forwarded by Dan Gravatt/R7/USEPA/US on 05/12/2011 02:02 PM -----

**From:** "Paul Rosasco" <paulrosasco@emsidenver.com>  
**To:** Dan Gravatt/R7/USEPA/US@EPA  
**Cc:** Rich Kapuscinski/DC/USEPA/US@EPA, <shawn.muenks@dnr.mo.gov>  
**Date:** 04/27/2011 11:52 AM  
**Subject:** RE: Responses to EPA Risk Assessment Comments

Please ignore my first e-mail. I sent out a draft version of the responses by mistake. Attached are the final responses to the long-term risk comments.

**From:** Gravatt.Dan@epamail.epa.gov [mailto:Gravatt.Dan@epamail.epa.gov]  
**Sent:** Wednesday, April 27, 2011 8:49 AM  
**To:** paulrosasco@emsidenver.com

Cc: Kapuscinski.Rich@epamail.epa.gov; shawn.muenks@dnr.mo.gov  
Subject: Re: Responses to EPA Risk Assessment Comments

Paul, the ZIP files you attached to this email were stripped out by my servers - see below. Please change the filename as recommended and resend. I don't know if Shawn or Rich had similar problems.

Thanks,  
Daniel R. Gravatt, PG  
US EPA Region 7 SUPR / MOKS  
901 North 5th Street, Kansas City, KS 66101  
Phone (913) 551-7324 Fax (913) 551-7063

-----"Paul Rosasco" <paulrosasco@emsidenver.com> wrote: -----  
To: Dan Gravatt/R7/USEPA/US@EPA, "Muenks, Shawn" <shawn.muenks@dnr.mo.gov>, Rich Kapuscinski/DC/USEPA/US@EPA  
From: "Paul Rosasco" <paulrosasco@emsidenver.com>  
Date: 04/16/2011 02:52PM  
Cc: "Merrigan, Jessie" <JMerrigan@LathropGage.com>, "Whitby, Kathleen" <kwhitby@spencerfane.com>, <VWarren@republicservices.com>, "Charlotte Neitzel" <Charlotte.Neitzel@hro.com>, "Dan Feezor" <dfeezor@feezorengineering.com>, "Mike Bollenbacher" <mikeb@auxier.com>, "Bob Jelinek" <bobjelinek@emsidenver.com>  
Subject: Responses to EPA Risk Assessment Comments  
The attached files address the following risk assessment related comments

EPA Specific Comments 24, 31, 33, 39 and 46

EPA Risk Assessment Comments 1 through 40(contained in two separate zip files sorted by long-term and short-term risk evaluations)

EPA Additional Comments 48, 49, 50 and 51

MNDR Risk Assessment Comments 118 through 138

\*\*\*\*\* ATTACHMENT NOT DELIVERED \*\*\*\*\*

This Email message contained an attachment named  
EPA Appendix F Long Term Risk Comments.zip, EPA Appendix F Short-term Risk Comments.zip, MDNR Appendix F Comments.zip  
which may be a computer program. This attached computer program could contain a computer virus which could cause harm to EPA's computers, network, and data. The attachment has been deleted.

This was done to limit the distribution of computer viruses introduced into the EPA network. EPA is deleting all computer program attachments sent from the Internet into the agency via Email.

If the message sender is known and the attachment was legitimate, you should contact the sender and request that they rename the file name extension and resend the Email with the renamed attachment. After receiving the revised Email, containing the renamed attachment, you can rename the file extension to its correct name.

For further information, please contact the EPA Call Center at (866) 411-4EPA (4372). The TDD number is (866) 489-4900.

\*\*\*\*\* ATTACHMENT NOT DELIVERED \*\*\*\*\*

\*\*\*\*\* ATTACHMENT NOT DELIVERED \*\*\*\*\*

This Email message contained an attachment named

EPA Appendix F Long Term Risk Comments.zip, EPA Appendix F Short-term Risk Comments.zip, MDNR Appendix F Comments.zip

which may be a computer program. This attached computer program could contain a computer virus which could cause harm to EPA's computers, network, and data. The attachment has been deleted.

This was done to limit the distribution of computer viruses introduced into the EPA network. EPA is deleting all computer program attachments sent from the Internet into the agency via Email.

If the message sender is known and the attachment was legitimate, you should contact the sender and request that they rename the file name extension and resend the Email with the renamed attachment. After receiving the revised Email, containing the renamed attachment, you can rename the file extension to its correct name.

For further information, please contact the EPA Call Center at (866) 411-4EPA (4372). The TDD number is (866) 489-4900.

\*\*\*\*\* ATTACHMENT NOT DELIVERED \*\*\*\*\*

\*\*\*\*\* ATTACHMENT NOT DELIVERED \*\*\*\*\*

This Email message contained an attachment named

EPA Appendix F Long Term Risk Comments.zip, EPA Appendix F Short-term Risk Comments.zip, MDNR Appendix F Comments.zip

which may be a computer program. This attached computer program could contain a computer virus which could cause harm to EPA's computers, network, and data. The attachment has been deleted.

This was done to limit the distribution of computer viruses introduced into the EPA network. EPA is deleting all computer program attachments sent from the Internet into the agency via Email.

If the message sender is known and the attachment was legitimate, you should contact the sender and request that they rename the file name extension and resend the Email with the renamed attachment. After receiving the revised Email, containing the renamed attachment, you can rename the file extension to its correct name.

For further information, please contact the EPA Call Center at

(866) 411-4EPA (4372). The TDD number is (866) 489-4900.

\*\*\*\*\* ATTACHMENT NOT DELIVERED \*\*\*\*\*

[attachment "EPA 33 - Risks to the Public.docx" removed by Dan Gravatt/R7/USEPA/US]

[attachment "EPA 46 - Ionizing Radiation.doc" removed by Dan Gravatt/R7/USEPA/US]

[attachment "EPA 24" removed by Dan Gravatt/R7/USEPA/US]

[attachment " 31 & 39 - Long-Term Risk Calculations.doc" removed by Dan Gravatt/R7/USEPA/US]

[attachment "EPA Additional Comment #48 Screening level selection.docx" removed by Dan Gravatt/R7/USEPA/US]

[attachment "EPA Additional Comment #49 Using RESRAD for cover materials #Template.docx" removed by Dan Gravatt/R7/USEPA/US]

[attachment "EPA Additional 51 - Risk Calculations.doc" removed by Dan Gravatt/R7/USEPA/US]

[attachment "EPA Additional 50 - Risk Calculations.doc" removed by Dan Gravatt/R7/USEPA/US]